

☐ ☐ ☒ ☒

☐ ☐ ☐ ☐

58

**FILE NOTATIONS**

Entered in NID File ☒

Entered On S R Sheet ☒

Location Map Filled ☒

Card Indexed ☒

IWR for State or Fed Land ☒

Checked by Chief ☒

Copy Mailed to Field Office ☒

Approval Letter ☒

Disapproval Letter ☒

**COMPLETION DATA:**

Date Well Completed 6/18/58

CW ☒ VAV ☐ TA ☐

GW ☐ CS ☐ FA ☐

Location Imported ☐

Bond released ☐

State of Fed Land ☐

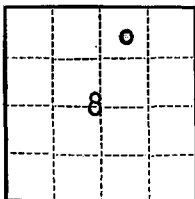
Driller's Log 8/11/58 LOGS FILED

Electric Logs (No. 115)

E ☐ I ☒ E-I ☐ GP ☐ GRN ☒ Micro ☐

Log 2 ☒ MEL 2 ☒ Semic ☐ Other ☐

*Radioactive*  
*Temperature*



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office \_\_\_\_\_  
Lease No. 071404 B  
Unit \_\_\_\_\_

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 11, 1958, 19\_\_

Hickman-Government

Well No. 1 is located 590 ft. from [N] line and 2110 ft. from [E] line of sec. 8

NW NE Section 8

40S

23E

S1M

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

Bluff

San Juan

Utah

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is 4667.3' Ungraded

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Rotary drilling equipment will be used to drill to approximately 5800' to the Hermosa Paradox formation. Surface casing: Approximately 1500' of 8-5/8" OD 24# smls csg cemented to the surface. Oil String: Required amount of 5 1/2" OD 15.5 & 14# J-55 smls casing cemented with required amount of cement. Drill Stem Tests: All shows of oil or gas will be tested. Mud Program: Conventional and/or gyp or salt base mud as required. Electric logs etc will be run before setting casing or abandonment. Stimulation treatments such as acidizing or hydraulic fracturing may be employed in completion.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Carter Oil Company

Address Box 3082

Durango, Colorado

By COPY (ORIGINAL SIGNED) B. M. BRADLEY  
B M Bradley

Title District Superintendent

7112 4 1828

HICKMAN BLUFF #1

CORE DESCRIPTIONS

CORE #1: 5610' to 5660'. Out 50', recovered 50'.

7' Siltstone.

1' Anhydrite.

42' of interbedded Dolomite & limestone.  
(7' of vugular porosity)

Core #2: 5660 to 5672'. Out 12', recovered 5'.

4' Lm. oolite, matrix, very argillaceous, no show, no porosity.

1' Shale, black.

CORE #3: 5672' to 5678'. Out 6', recovered 4'.

4' Shale, black.

Company THE CARTER OIL COMPANY

Lease HICKMAN - GOVERNMENT Well No. 1

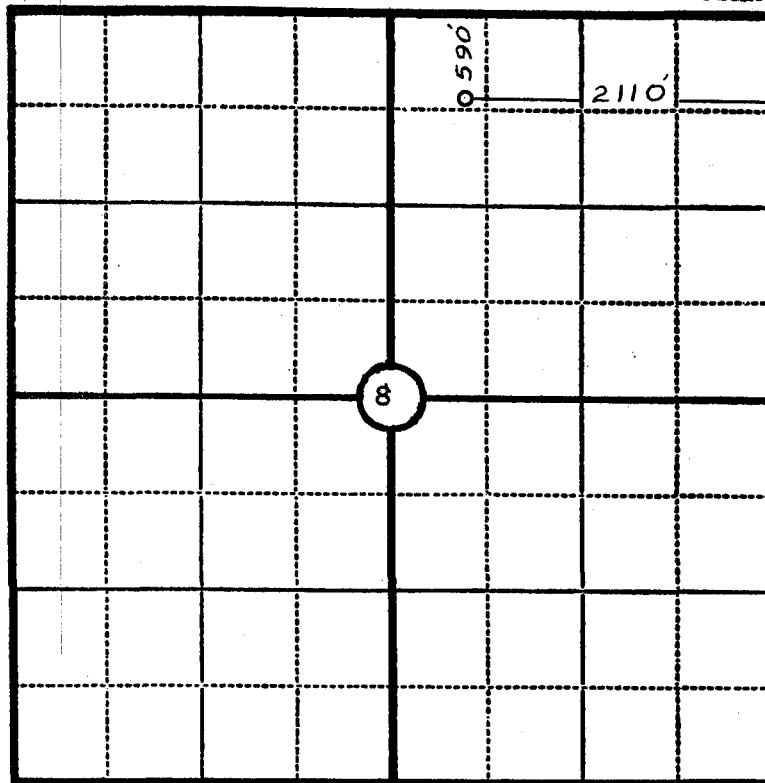
Sec. 8, T. 40 SOUTH, R. 23 EAST S.L.M.

Location 590' FROM THE NORTH LINE AND 2110' FROM  
THE EAST LINE.

Elevation 4667.3 UNGRADED GROUND

SAN JUAN COUNTY

UTAH



Scale—4 inches equal 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:

*James P. Leese*

Registered Land Surveyor.

JAMES P. LEESE

UTAH REG. NO. 1472

Surveyed 7 MARCH, 19 58

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

## LEASE PLAT &amp; PIPE LINE DATA

DIV. NO. \_\_\_\_\_ BLOCK NAME \_\_\_\_\_ LEASE NO. \_\_\_\_\_

LESSOR \_\_\_\_\_

TOTAL ACCUMULATED INTEREST \_\_\_\_\_

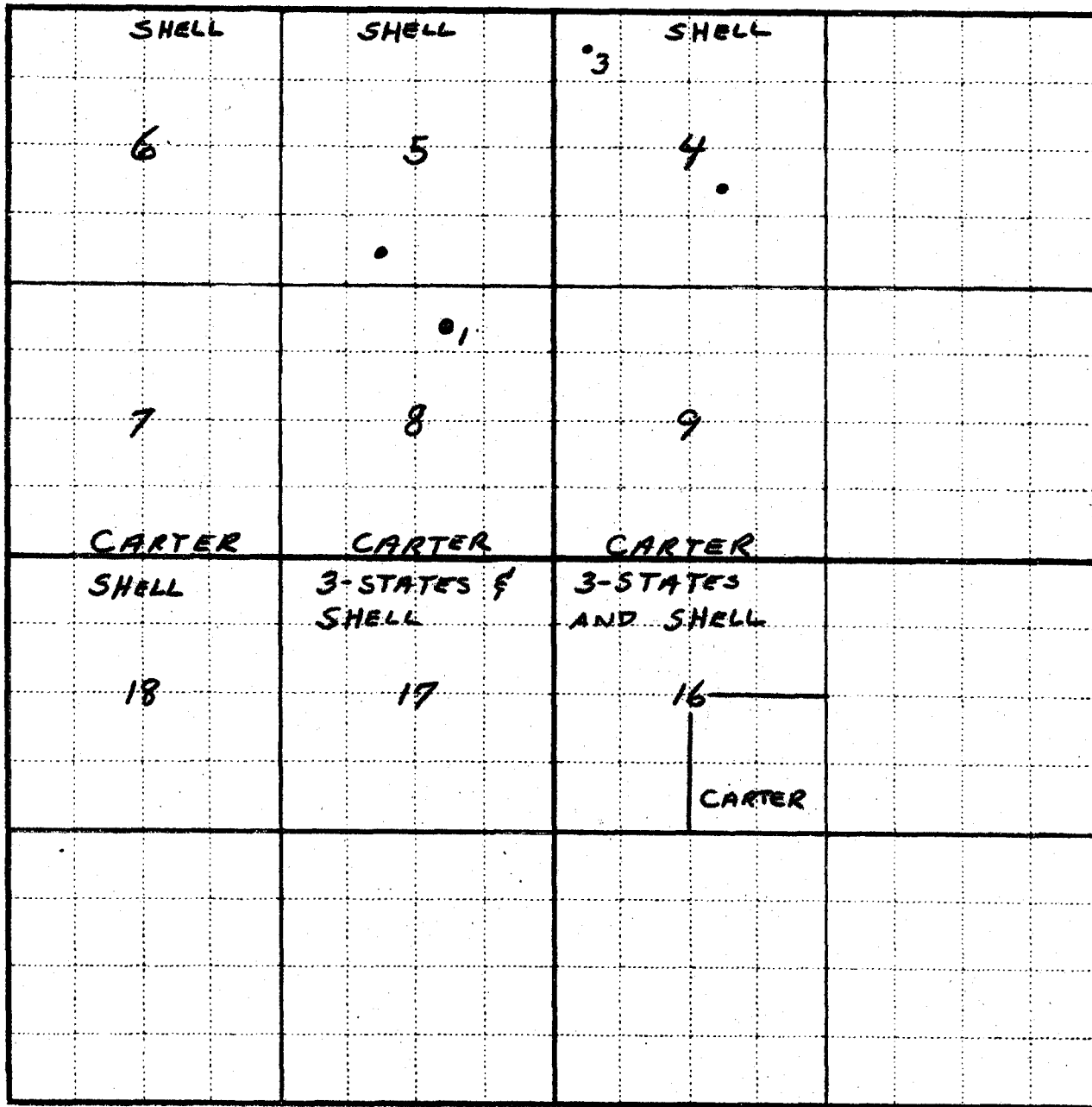
STATE UTAH COUNTY SAN JUAN SEC 8 T 40S R 23E ACRES \_\_\_\_\_

DESCRIPTION AND INTEREST: \_\_\_\_\_

THE CARTER OIL Co.PROPOSED LOCATION HICKMAN-GOV'T #1

IF USED FOR PIPE LINE DIAGRAM — PLEASE SUPPLY THE FOLLOWING INFORMATION

Total Length and Size of Pipe Laid \_\_\_\_\_ Pipe Transferred From \_\_\_\_\_  
 Total Length and Size of Pipe Taken Up \_\_\_\_\_ Pipe Transferred to \_\_\_\_\_  
 Depth Buried \_\_\_\_\_ Painted \_\_\_\_\_ Screw, Welded or Coupled \_\_\_\_\_ List Fittings (on back of this sheet if necessary)  
 Date \_\_\_\_\_ Farm or Plant \_\_\_\_\_  
 District \_\_\_\_\_ Signed \_\_\_\_\_  
 (Mail to Engineering Department - Tulsa)



When used as 1/4" Section Scale, 1" = 400'

When used as Section Scale, 1" = 800'

When used as 4 Sections Scale, 1" = 1600'

Place check mark after scale used.

Plat made by \_\_\_\_\_ Date \_\_\_\_\_

1/2" Base Map \_\_\_\_\_ Date \_\_\_\_\_

Plat Book (Pend.) \_\_\_\_\_ Date \_\_\_\_\_ (Comp.) \_\_\_\_\_ Date \_\_\_\_\_

Block Map (Pend.) \_\_\_\_\_ Date \_\_\_\_\_ (Comp.) \_\_\_\_\_ Date \_\_\_\_\_

Block Map Tr. (Pend.) \_\_\_\_\_ Date \_\_\_\_\_ (Comp.) \_\_\_\_\_ Date \_\_\_\_\_

March 13, 1958

The Carter Oil Company  
P. O. Box 3082  
Durango, Colorado

Attention: B. M. Bradley, District Superintendent

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Hickman - Government 1, which is to be located 590 feet from the north line and 2110 feet from the east line of Section 8, Township 40 South, Range 23 East, SEPM, San Juan County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT  
SECRETARY

CBF:en

cc: Don Russell  
USGS, Federal Bldg.  
Salt Lake City, Utah

LAND OFFICE -----  
LEASE NUMBER **071404 B** -----  
UNIT -----

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Bluff

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 1958

Agent's address Box 3082 Company The Carter Oil Company

Durango, Colorado

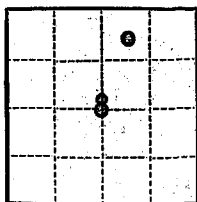
Phone \_\_\_\_\_ CH 7-0210 \_\_\_\_\_ SIGNED \_\_\_\_\_  
Agent's title \_\_\_\_\_ District Chief Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	Cu. Ft. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause date and result of test for gasoline content of gas)
Sec 8 NW1/4		Hickman-Bluff	LOS 23E 1							Spudded 4-12-58 Drig at 3965'

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold;

0 runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office \_\_\_\_\_

Lease No. 071404 B

Unit \_\_\_\_\_

7-15  
4-28

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
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NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	Other	<input checked="" type="checkbox"/>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

April 11, 1958, 19

Hickman-Government

Well No. 1 is located 590 ft. from N line and 2110 ft. from E line of sec. 8

NW NE Section 8

40S

23E

SIM

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

Bluff

San Juan

Utah

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft. 4667.3' Ungraded

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

In order to help eliminate confusion with our HICKMAN-FEDERAL Well in Section 1-40S-23E, we request your permission to change the name of the above located well to read: HICKMAN-BLUFF.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Carter Oil Company

Address Box 3082

Durango, Colorado

COPY (ORIGINAL SIGNED) B. M. BRADLEY

By B M Bradley

Title District Superintendent



LAND OFFICE \_\_\_\_\_  
LEASE NUMBER **071404 B** \_\_\_\_\_  
UNIT \_\_\_\_\_

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Bluff

The following is a correct report of operations and production (including drilling and producing wells) for the month of May 1958, 1958.

Agent's address Box 3082 Durango, Colorado Company The Garter Oil Company  
Signed COPY (ORIGINAL SIGNED) CHAS. C. JOHNSON

Phone CH 7-0210 Agent's title District Chief Clerk

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling; depth; if shut down; cause; date and result of test for gasoline content of gas)
Sec 8 NW¼E	Hickman	Bluff	105 23E 1		TD 5730', PBD 5692'					waiting on spudder to complete

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold:

\_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



Form OGCC-3


SECTION 8

LOCATE WELL CORRECTLY

# STATE OF UTAH OIL & GAS CONSERVATION COMMISSION

State Capitol Building  
Salt Lake City 14, Utah

To be kept Confidential until \_\_\_\_\_  
(Not to exceed 4 months after filing date)

## LOG OF OIL OR GAS WELL

Operating Company The Carter Oil Company Address P.O. Box 3082, Durango, Colorado  
Lease or Tract Hickman Bluff Field Bluff State Utah  
Well No. 1 Sec. 8 T. 40S R. 23E Meridian S1M County San Juan  
Location 590 ft. XX of N Line and 2110 ft. E of E Line of Section 8 Elevation 4702  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed B. M. Bradley Title District Superintendent

Date July 25, 1958

The summary on this page is for the condition of the well at above date.

Commenced drilling April 12, 1958 Finished drilling May 28, 1958  
COMPLETED 6-18-58

### OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5575 to 5580 No. 4, from 5641 to 5673  
No. 2, from 5592 to 5598 No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 5622 to 5630 No. 6, from \_\_\_\_\_ to \_\_\_\_\_

### IMPORTANT WATER SANDS

No. 1, from None to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

### CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8	35.6	Spiral	Weld	81	None	—	—	—	—
8-5/8	24#	8rd	J-55	403	Baker	—	—	—	—
4 1/2"	9.5#	8rd	J-55	5746	Howco	—	5575	5580	Production
							5592	5598	"
							5622	5630	"
							5641	5673	"

### MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	91	60	Halliburton	—	—
8-5/8	416	240	Halliburton	—	—
4 1/2"	5728	345	Halliburton	—	—

### PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

### SHOOTING RECORD

FOLD MARK

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	91	60	Halliburton	-	-
8-5/8	416	240	Halliburton	-	-
4 1/2"	5728	345	Halliburton	-	-

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
 Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

## TOOLS USED

Rotary tools were used from Surface feet to 5734 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from None feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

July 25, \_\_\_\_\_, 1958 Put to producing On test 6-17- \_\_\_\_\_, 1958

The production for the first 24 hours was 450 barrels of fluid of which 100 % was oil; \_\_\_\_\_ %  
 emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Flow thru \_\_\_\_\_ Gravity, °Bé. 39.2° API  
3/8" choke.

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_ Est. GOR 600:1

## EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
 \_\_\_\_\_, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
		GR/N TOPS	
0	674	674	SAN RAFAEL GROUP: Interbedded red sandstones and red shales.
674	1670	996	GLEN CANYON GROUP: Red sandstones.
1670	2600	930	CHINLE: Interbedded sandstones and silty shales becoming very calcareous near the base with much limestone.
2600	4579	1979	CUTLER: predominantly red shale with thin streaks sandstone, much anhydrite in lower portion.
4579	5378	799	HERMOSA: Upper 2/3 interbedded gray and brown shales and dense limestone. Lower 1/3 dense light gray limestone locally cherty.
5378	5532	154	"A-2": Limestone, gray, dense, locally cherty, locally fossiliferous.
5532	5732	200	PARADOX: Limestone and dolomite interbedded with traces anhydrite and black shale.
5732	5734	2	SALT.

[OVER]

At the end of complete Driller's Log,  
 add Geologic Tops. State whether  
 from Electric Logs or samples.

AUG 4 1958

## HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or hauling.

Spudded well 4-12-58. Drilled and reamed 17 $\frac{1}{4}$ " hole to 94'. Set 2 jts, 80' of 13-3/8" spiral weld casing at 91' with 60 sacks cement. Drilled and reamed 12 $\frac{1}{4}$ " hole to 420'. Set 15 jts, 403' of 8-5/8", 24#, J-55 casing at 416' with 240 sacks cement. Drilled 7-7/8" hole to TD of 5730'. Set 178 jts, 5746' of 4 $\frac{1}{2}$ ", 9.5#, J-55 casing at 5728' with 345 sacks cement.

### CUT 3 CORES (See attached descriptions)

D.S.T. #1. 5610-5730'. Tool open 2 hrs. Opened with fair blow for 5 minutes, decreased to very light blow for remainder of test. Recovered 10' drilling mud, 10' oil, 30' mud cut oil, 30' slightly oil and gas cut mud and 85' slightly gas cut mud. IHP 2935#, 1 hr ISIP 390#, IFP 85#, FFP 100#, 2 hr FSIP 505#, RHP 2935#. ISIP and FSIP were on gradual increase and had not reached maximum.

COMPLETION: PBTD 5692'. Perforated 5641-5673' with 4 shots per ft. Ran tubing with packer @ 5589' and tail pipe at 5657'. Treated with 300 gallons M.C.A., max press 4500#, min press 4000#, injection rate 3/4 bbl per minute, 5 minute standing pressure 2500#. Swabbed out load oil and M.C.A. Treated with 2200 gallons regular 15% acid, max press 4200#, min press 3800#, 5 minute standing pressure 3600#, injection rate 1 bbl per minute. Swabbed back load oil and acid water. Swabbed 3 hr test, recovered 13 bbls fluid, grindout 10% acid water, good show of gas. Treated with 500 gallons regular 15% acid, 6000 gallons retarded acid and 2200 gallons regular 15% acid, injection rate 1 bbl per minute. Acid hit perforations with 1100# pressure, increased to max of 4400#, gradual break back to 1800# on last 1800 gallons. 5 minute standing pressure 2000#. Waited 4 hrs on retarded acid. Swabbed 1 hr and well started flowing. Flowed to pit 7 hrs to clean up and then tested 3 hrs on 3/8" choke. Recovered 76 bbls (608 B.O.P.D. rate), grindout 10% emulsion. Pulled tubing and packer.

Set cast iron bridge plug at 5635' and checked with 1600# pressure. Perforated 5575-5580'; 5592-5598'; 5622-5630'. Treated perforations with 300 gallons M.C.A., max press 1400#, min press vacuum. Swabbed  $\frac{1}{2}$  hr, flowed to pit to clean up acid water. Flowed to tank 1 hr thru  $\frac{1}{2}$ " choke, recovered 22 bbls oil, tubing pressure 180#. Drilled out bridge plug at 5635', drove to 5690'.

Set cast iron bridge plug at 5604'. Ran tubing with packer at 5528', tail pipe @ 5594'. Treated perforations 5575-80' & 5592-98' with 600 gallons regular 15% acid, max press 4500#, min press 4200#. First 150 gallons,  $\frac{1}{2}$  bbl per minute injection rate, broke back to Zero #. Treated 1 bbl per minute at Zero pressure. Flowed to pit to clean up. Flow tested for 4 hrs on  $\frac{1}{2}$ " choke for 121 bbls oil, 200# tubing pressure, (daily rate of 726 bbls oil). Killed well, pulled tubing, drilled out bridge plug and drove to 5690'. Ran tubing to test all perforations. Swabbed to kick off, flowed to pit to clean up. Flowed on 6 hr test thru 3/8" choke for 148 bbls oil, flow rate of 592 bbls oil per day from perforations 5575-80'; 5592-98'; 5622-30' & 5641-73' in Paradox formation. Gravity of oil 39.2°.

COMPLETED 6-18-58.

HICKMAN BLUFF #1

CORE DESCRIPTIONS

CORE #1: 5610' to 5660'. Cut 50', recovered 50'.

7' Siltstone.

1' Anhydrite.

42' of interbedded Dolomite & Limestone.  
(7' of vugular porosity)

Core #2: 5660 to 5672'. Cut 12', recovered 5'.

4' Limestone, matrix, very argillaceous, no show, no porosity.

1' Shale, black.

CORE #3: 5672' to 5678'. Cut 6', recovered 4'.

4" Shale, black.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

SL 071404 B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hickman Bluff

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

Bluff Paradox

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 8, T40S, R23E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

SUNDRY NOTICES AND REPORTS ON WELLS  
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Merrion Oil & Gas Corporation

3. ADDRESS OF OPERATOR

P. O. Box 840, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface

590' FNL & 2110' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

KB: 4703'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐

PULL OR ALTER CASING

☐

FRACTURE TREAT

☐

MULTIPLE COMPLETE

☐

SHOOT OR ACIDIZE

☒

ABANDON\*

☐

REPAIR WELL

☒

CHANGE PLANS

☐

(Other)

☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐

REPAIRING WELL

☐

FRACTURE TREATMENT

☐

ALTERING CASING

☐

SHOOTING OR ACIDIZING

☐

ABANDONMENT\*

☐

(Other)

☐

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

Approval is requested to:

- 1) Isolate & squeeze 4-1/2" casing leak.
- 2) Acidize the Desert Creek perms (5575' - 5630' O/A) w/ 500 gals 28% HCL.
- 3) Perf Upper Ismay (5387' - 5482' O/A) & acidize w/ 1000 gals 28% HCL.
- 4) Return well to production.

COPY

18. I hereby certify that the foregoing is true and correct

SIGNED

L. Greg Merrion

TITLE Production Engineer

DATE September 4, 1985

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action  
is required before commencing  
operations.

TITLE

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

\*See Instructions on Reverse Side

9/11/85

Dr. John R. Bays



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

October 1, 1985

James M. Johnson  
Merrion Oil & Gas Corporation N0630  
Post Office Box 1017  
Farmington, New Mexico 87499

Dear Mr. Johnson:

Re: Hickman-Bluff 2 API# 43-037-15539 T40S R23E SEC 9 and  
Hickman Gov't Bluff #1 API# 43-037-15538 T40S R23E SEC 8

In reviewing our records, we recognize that the above referenced well is operated by your company; however, we have never received proper notification concerning this change.

Please submit a "Sundry Notice", Form OGC-1b, for this well with the name, address and phone number of both the new and old operators and the date the change became effective. We have enclosed forms for your convenience.

Please send your reply with explanatory cover letter to  
Attention: Suspense File - Pam Kenna.

Sincerely,

*Vicky Carney*

Vicky Carney  
Production Specialist

PK/vlc

cc: Dianne R. Nielson  
Ronald J. Firth  
Norman C. Stout  
Suspense File  
File

031S-45



12/2/85  
4:05 pm

Greg Merriam  
Merriam O's G, Farmington N.M.

~~Hickman Thrust~~ <sup>Bluff</sup> No. 1  
Sec. 8, T40S, R23E  
San Juan Co.

- P&A - Verbal approval by  
Steve Jones of BLM-Moab.  
Will send in sundries describing  
procedure & work done.

10-60-5  
November 1983)  
(Formerly 9-331)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. ☐ OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR  
Merrion Oil and Gas Corporation

3. ADDRESS OF OPERATOR  
P.O. Box 840, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
590' FNL; 2110' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4702'

5. LEASE DESIGNATION AND SERIAL NO.  
SL 071404B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Hickman Bluff

9. WELL NO.  
1

10. FIELD AND POOL, OR WILDCAT  
Bluff Paradox

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 8, T40S, R23E

12. COUNTY OR PARISH  
San Juan

13. STATE  
Utah

RECEIVED

DEC 09 1985

DIVISION OF OIL  
& MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input checked="" type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)			

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

Received verbal approval on 12-2-85 from Steven Jones to plug and abandon the subject well as follows:

1. Set CIBP at 5500' above Desert Creek perfs (5575'-5678' O/A). Dump 2 sx cement on plug.
2. Set 100' cement plugs, inside and out of the 4-1/2" casing, across the top and bottom of the Glen Canyon fresh water sands. Bottom plug from 1720'-1620' and top plug from 720'-620'.
3. Set 50' cement plug, inside and out of the 4-1/2" casing, at the surface.
4. Install dryhole marker and clean and rehabilitate location.

18. I hereby certify that the foregoing is true and correct

SIGNED

I. Greg Merrion

TITLE Production Engineer

DATE December 4, 1985

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

\*See Instructions on Reverse Side

DATE: 12/10/85

BY: John R. Day

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLE  
(Other instructions on re-  
verse side)

081804

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

SL 071404B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Nickman Bluff

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Bluff Paradox

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Section 8, T40S, R23E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Merrion Oil and Gas Corporation

3. ADDRESS OF OPERATOR

P. O. Box 840, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any special requirements.  
See also space 17 below.)  
At surface

590'FNL & 2110' FEL

DIVISION OF  
OIL, GAS & MINING

14. PERMIT NO.

43.037.15538

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4702'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

12/3/85: Set CIBP at 5500'. Ran dump bailer and dumped 2 sx cement on plug.  
Perforated squeeze holes 1720'-21' and 720'-21' with 4 JSPF.

12/4/85: RIH w/tbg and pkr. Set pkr at 1447'. Pumped 30 sx cement and displaced w/7 bbls water - 100' plug across bottom of Glen Canyon Sand. POH and LD pkr. TIH w/tbg open-ended to 500'. Pumped 30 sx cement and displaced w/ 4 bbls water - 100' plug across top of Glen Canyon Sand. POH w/tbg. Pumped 20 sx cement down 8-5/8" - 4-1/2" annulus. Pressure to 560# and held. Ran 1 stand of tbg and circulated cement to surface. POH & topped casing off.

RECEIVED  
MID-STATE OFFICE  
1985 DEC 26 AM 10:00  
DEPT. OF INTERIOR  
BUREAU OF LAND MGMT.

18. I hereby certify that the foregoing is true and correct

SIGNED

*T. G. Merrion*

TITLE Production Engineer

DATE 12/20/85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

**CHANGED OPERATOR**

**PRODUCING ENTITY ACTION**

Operator Name Merrion Oil and Gas Corporation  
 Address P. O. Box 840  
 City Farmington, State New Mexico Zip 87499  
 Utah Account No. N0630  
 Authorized Signature T. Greg Merrion T. Greg Merrion  
 Effective Date March 13, 1986 Telephone (505) 325-5093

**ACTION CODE**

- A Establish new entity for new well(s).
- B Add new well(s) to existing entity.
- C Delete well(s) from existing entity.
- D Establish new entity for well(s) being deleted from existing entity.
- E Change well(s) from one entity to another existing entity.
- F Other. (Specify using attachments if necessary.)

**BRACKET WELLS TO BE GROUPED TOGETHER.**

(Use black ink or typewriter ribbon.)

Action Code	Current Entity No.	New Entity No.	API No.	Well Name	Well Location					Producing Formation
					Sec.	T	R	Q/Q	County	
C	00980	xx	4303715538	Hickman Govt Bluff 1	08	40S	23E	NWNE	San Juan	P & A

Explanation of action:

This well has been plugged and abandoned. Request deletion from entity.

*no PA report in system*

Explanation of action:

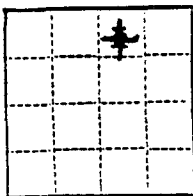
Explanation of action:

Explanation of action:

MAR 17 1986

an equal opportunity employer

REVISED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
CONSERVATION DIVISIONSec. 8  
T. 40 S  
R. 23 E

## INDIVIDUAL WELL RECORD

PUBLIC LAND:

Date February 2, 1971S.L. Mer.  
API 43-037-15538  
Ref. No. \_\_\_\_\_

Land office Salt Lake State Utah  
Serial No. 071404-B County San Juan  
Lessee Merrion and Bayless Field Bluff  
Operator Merrion and Bayless District Durango  
Well No. 1 Hickman-Bluff Subdivision NW $\frac{1}{4}$  NE $\frac{1}{4}$   
Location 590 feet from north and 2110 feet from east lines of section 8  
Drilling approved Mar. 13, 19 58 Well elevation 4667 gl feet  
Drilling commenced Apr. 12, 19 58 Total depth 5730 PB 5690 feet  
Drilling ceased May 28, 19 58 Initial production 450 BOPD, flowing, 3/8" c  
Completed for production June 17, 19 58 Gravity A. P. I. 39.2°

Abandonment approved March 7, 19 89 Initial R. P. \_\_\_\_\_Geologic Formations FAN Approved June 17, 1991 Productive Horizons

Surface	Lowest tested	Name	Depths	Contents
<u>Morrison</u>	<u>Paradox Salt</u>	<u>Paradox</u>	<u>5575-5673</u>	<u>Oil</u>

## WELL STATUS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1958				DRG		POW						
1985				OSI M.R.O.								12/485 Oral to ABN
1989				SRA Approved 3/7/89								46N, 2CA 4/11/89
1991						FAN approved						

REMARKS Tops: Navajo 674' E.L. Salt 5732' E.L.  
Chinle 1670' "  
Cutler 2600' "  
Organ Rock 2746' "  
Upper Hermosa 4579' "  
Paradox 5532' "  
1st gas delivery  
1-24-59